

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	46	2 not 1	US-PGPUB; USPAT	OR	OFF	2010/09/29 14:16
L2	91	(US-6616118-\$ or US-2117456-\$ or US-3834664-\$ or US-4449694-\$ or US-6820651-\$ or US-4553562-\$ or US-4386756-\$ or US-4483511-\$ or US-5129417-\$ or US-4572239-\$ or US-5181539-\$ or US-4108196-\$ or US-4685488-\$ or US-4388945-\$ or US-5947443-\$ or US-5595206-\$ or US-5419532-\$ or US-6129115-\$ or US-4813649-\$ or US-3384337-\$ or US-3934606-\$ or US-3675895-\$ or US-3101740-\$ or US-3647179-\$ or US-RE26998-\$ or US-6511004-\$).did. or (US-4696323-\$ or US-5730420-\$ or US-4881718-\$ or US-3347517-\$ or US-3647178-\$ or US-3508738-\$ or US-4936546-\$ or US-3528448-\$ or US-3542054-\$ or US-3151837-\$ or US-4657222-\$ or US-3168900-\$ or US-3735956-\$ or US-3223111-\$ or US-4683906-\$ or US-4725042-\$ or US-5064167-\$ or US-4759530-\$ or US-6482181-\$ or US-5402983-\$ or US-3066909-\$ or US-3760836-\$ or US-6161569-\$ or US-5769328-\$ or US-3218024-\$ or US-4099705-\$ or US-4441524-\$).did. or (US-4505294-\$ or US-5927687-\$ or US-5979491-\$ or US-3795385-\$ or US-5326074-\$ or US-5562116-\$ or US-5295627-\$ or US-5205536-\$ or US-4262688-\$ or US-5868378-\$ or US-5746417-\$ or US-4099543-\$ or US-4771803-\$ or US-4318420-\$ or US-4928921-\$ or US-4566482-\$ or US-3974869-\$ or US-6382532-\$ or US-4791953-\$ or US-6578598-\$ or US-2885179-\$ or US-4085770-\$ or US-4423749-\$ or US-4573498-\$ or US-6289915-\$ or US-3463449-\$ or US-3599932-\$).did. or (US-	USPAT; USOCR	OR	OFF	2010/09/29 14:16

		5181691-\$ or US-4709902-\$ or US-4606368-\$.did. or (US-3214135-\$ or US-2885179-\$ or US-3041036-\$ or US-3276740-\$ or US-3223111-\$ or US-3236495-\$ or US-3195560-\$ or US-3168900-\$.did.				
L1	109	( "2029438"   "2032316"   "2045113"   "2069013"   "2114933"   "2177873"   "2206370"   "2289722"   "2885179"   "3038489"   "3066909"   "3108779"   "3168900"   "3192943"   "3214135"   "3223111"   "3236495"   "3276740"   "3552717"   "3553717"   "3575379"   "3576309"   "3589675"   "3599932"   "3601363"   "3647178"   "3647179"   "3648723"   "3685793"   "3705707"   "3735957"   "3760836"   "3779513"   "3780985"   "3782686"   "3792835"   "3815870"   "3869108"   "3883112"   "3916943"   "3931954"   "3934606"   "3974869"   "3974869"   "4085770"   "4099543"   "4108196"   "4126295"   "4147326"   "4192483"   "4262688"   "4293038"   "4318420"   "4319664"   "4339112"   "4388945"   "4390039"   "4410003"   "4423749"   "4441524"   "4475713"   "4479513"   "4483511"   "4506696"   "4519414"   "4535970"   "4538790"   "4548384"   "4566482"   "4572231"   "4572239"   "4573498"   "4576234"   "4579316"   "4601308"   "4617957"   "4632140"   "4637421"   "4641681"   "4657222"   "4658978"   "4662394"   "4683906"   "4685488"   "4696323"   "4759530"   "4815701"   "4911408"   "4917354"   "5056758"   "5117858"   "5129417"   "5193573"   "5205536"   "5215286"   "5313976"   "5326074"   "5419532"   "5482253"   "5551479"	US-PGPUB; USPAT	OR	OFF	2010/09/29 14:16

		"5562116"   "5595206"   "5685338"   "5707042"   "5730420"   "5779222"   "5868378"   "5954088"   "6161569"   "6511004").PN.				
S211	286	(251/315.08-315.09).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/09/29 11:12
S210	155	S208 or S209	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:16
S209	91	(US-6616118-\$ or US-2117456-\$ or US-3834664-\$ or US-4449694-\$ or US-6820651-\$ or US-4553562-\$ or US-4386756-\$ or US-4483511-\$ or US-5129417-\$ or US-4572239-\$ or US-5181539-\$ or US-4108196-\$ or US-4685488-\$ or US-4388945-\$ or US-5947443-\$ or US-5595206-\$ or US-5419532-\$ or US-6129115-\$ or US-4813649-\$ or US-3384337-\$ or US-3934606-\$ or US-3675895-\$ or US-3101740-\$ or US-3647179-\$ or US-RE26998-\$ or US-6511004-\$).did. or (US-4696323-\$ or US-5730420-\$ or US-4881718-\$ or US-3347517-\$ or US-3647178-\$ or US-3508738-\$ or US-4936546-\$ or US-3528448-\$ or US-3542054-\$ or US-3151837-\$ or US-4657222-\$ or US-3168900-\$ or US-3735956-\$ or US-3223111-\$ or US-4683906-\$ or US-4725042-\$ or US-5064167-\$ or US-4759530-\$ or US-6482181-\$ or US-5402983-\$ or US-3066909-\$ or US-3760836-\$ or US-6161569-\$ or US-5769328-\$ or US-3218024-\$ or US-4099705-\$ or US-4441524-\$).did. or (US-4505294-\$ or US-5927687-\$ or US-5979491-\$ or US-3795385-\$ or US-5326074-\$ or US-5562116-\$ or US-5295627-\$ or US-5205536-\$ or US-4262688-\$ or US-5868378-\$ or US-5746417-\$ or US-4099543-\$ or US-4771803-\$ or US-4318420-\$ or US-4928921-\$ or US-4566482-\$ or US-3974869-\$ or US-6382532-\$ or US-4791953-\$ or US-6578598-\$ or US-2885179-\$ or US-4085770-\$ or US-4423749-\$ or US-4573498-\$ or US-6289915-\$ or US-3463449-\$ or US-3599932-\$).did. or (US-5181691-\$ or US-4709902-\$ or	USPAT; USOCR	OR	OFF	2010/09/29 09:16

		US-4606368-\$).did. or (US-3214135-\$ or US-2885179-\$ or US-3041036-\$ or US-3276740-\$ or US-3223111-\$ or US-3236495-\$ or US-3195560-\$ or US-3168900-\$).did.				
S208	109	( "2029438"   "2032316"   "2045113"   "2069013"   "2114933"   "2177873"   "2206370"   "2289722"   "2885179"   "3038489"   "3066909"   "3108779"   "3168900"   "3192943"   "3214135"   "3223111"   "3236495"   "3276740"   "3552717"   "3553717"   "3575379"   "3576309"   "3589675"   "3599932"   "3601363"   "3647178"   "3647179"   "3648723"   "3685793"   "3705707"   "3735957"   "3760836"   "3779513"   "3780985"   "3782686"   "3792835"   "3815870"   "3869108"   "3883112"   "3916943"   "3931954"   "3934606"   "3974869"   "3974869"   "4085770"   "4099543"   "4108196"   "4126295"   "4147326"   "4192483"   "4262688"   "4293038"   "4318420"   "4319664"   "4339112"   "4388945"   "4390039"   "4410003"   "4423749"   "4441524"   "4475713"   "4479513"   "4483511"   "4506696"   "4519414"   "4535970"   "4538790"   "4548384"   "4566482"   "4572231"   "4572239"   "4573498"   "4576234"   "4579316"   "4601308"   "4617957"   "4632140"   "4637421"   "4641681"   "4657222"   "4658978"   "4662394"   "4683906"   "4685488"   "4696323"   "4759530"   "4815701"   "4911408"   "4917354"   "5056758"   "5117858"   "5129417"   "5193573"   "5205536"   "5215286"   "5313976"   "5326074"   "5419532"   "5482253"   "5551479"   "5562116"   "5595206"	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:16

		"5685338"   "5707042"   "5730420"   "5779222"   "5868378"   "5954088"   "6161569"   "6511004").PN.				
S207	27	S205 and S206	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:16
S206	88	(US-6616118-\$ or US-2117456-\$ or US-3834664-\$ or US-4449694-\$ or US-6820651-\$ or US-4553562-\$ or US-4386756-\$ or US-4483511-\$ or US-5129417-\$ or US-4572239-\$ or US-5181539-\$ or US-4108196-\$ or US-4685488-\$ or US-4388945-\$ or US-5947443-\$ or US-5595206-\$ or US-5419532-\$ or US-6129115-\$ or US-4813649-\$ or US-3384337-\$ or US-3934606-\$ or US-3675895-\$ or US-3101740-\$ or US-3647179-\$ or US-RE26998-\$ or US-6511004-\$).did. or (US-4696323-\$ or US-5730420-\$ or US-4881718-\$ or US-3347517-\$ or US-3647178-\$ or US-3508738-\$ or US-4936546-\$ or US-3528448-\$ or US-3542054-\$ or US-3151837-\$ or US-4657222-\$ or US-3168900-\$ or US-3735956-\$ or US-3223111-\$ or US-4683906-\$ or US-4725042-\$ or US-5064167-\$ or US-4759530-\$ or US-6482181-\$ or US-5402983-\$ or US-3066909-\$ or US-3760836-\$ or US-6161569-\$ or US-5769328-\$ or US-3218024-\$ or US-4099705-\$ or US-4441524-\$).did. or (US-4505294-\$ or US-5927687-\$ or US-5979491-\$ or US-3795385-\$ or US-5326074-\$ or US-5562116-\$ or US-5295627-\$ or US-5205536-\$ or US-4262688-\$ or US-5868378-\$ or US-5746417-\$ or US-4099543-\$ or US-4771803-\$ or US-4318420-\$ or US-4928921-\$ or US-4566482-\$ or US-3974869-\$ or US-6382532-\$ or US-4791953-\$ or US-6578598-\$ or US-2885179-\$ or US-4085770-\$ or US-4423749-\$ or US-4573498-\$ or US-6289915-\$ or US-3463449-\$ or US-3599932-\$).did. or (US-3214135-\$ or US-2885179-\$ or US-3041036-\$ or US-3276740-\$ or US-3223111-\$ or US-3236495-\$ or US-3195560-\$ or US-	USPAT; USOCR	OR	OFF	2010/09/29 09:16

		3168900-\$).did.				
S205	286	(251/315.08-315.09).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:16
S204	51	S200 and temperat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:16
S203	5	S200 and (polyfluoroalkoxy or polyflouroalkoxy or pfa)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:16
S202	10	S200 and polymer	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:16
S201	49	S200 and (ptfe or polytetrafluoroethylene or teflon)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 09:16
S200	168	S199 or S196	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:15
S199	103	("2029438"   "2032316"   "2045113"   "2069013"   "2114933"   "2177873"   "2206370"   "2289722"   "3038489"   "3108779"   "3192943"   "3552717"   "3575379"   "3576309"   "3589675"   "3599932"   "3601363"   "3648723"   "3685793"   "3705707"   "3735957"   "3779513"   "3780985"   "3782686"   "3792835"   "3815870"   "3869108"   "3883112"   "3916943"   "3931954"   "3934606"   "3974869"   "3066909"   "3589675"   "3599932"   "4085770"   "4099543"   "4108196"   "4126295"   "4147326"   "4192483"   "4293038"   "4318420"   "4319664"   "4339112"   "4388945"   "4390039"   "4410003"   "4423749"   "4475713"   "4479513"   "4483511"   "4506696"   "4519414"   "4535970"   "4538790"   "4548384"   "4566482"   "4572231"   "4572239"   "4576234"   "4579316"   "4601308"   "4617957"   "4632140"   "4637421"   "4641681"   "4657222"   "4658978"   "4662394"   "4683906"   "4685488"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:15

		"4815701"   "4911408"   "4917354"   "5056758"   "5117858"   "5193573"   "5205536"   "5215286"   "5313976"   "5326074"   "5419532"   "5482253"   "5551479"   "5562116"   "5595206"   "5685338"   "5707042"   "5730420"   "5779222"   "5868378"   "5954088").PN.				
S198	148	S196 or S197	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:15
S197	91	("2029438"   "2032316"   "2045113"   "2069013"   "2114933"   "2177873"   "2206370"   "2289722"   "3038489"   "3108779"   "3192943"   "3552717"   "3575379"   "3576309"   "3589675"   "3599932"   "3601363"   "3648723"   "3685793"   "3705707"   "3735957"   "3779513"   "3780985"   "3782686"   "3792835"   "3815870"   "3869108"   "3883112"   "3916943"   "3931954"   "3934606"   "3974869"   "3066909"   "3589675"   "3599932"   "4085770"   "4099543"   "4108196"   "4126295"   "4147326"   "4192483"   "4293038"   "4318420"   "4319664"   "4339112"   "4388945"   "4390039"   "4410003"   "4423749"   "4475713"   "4479513"   "4483511"   "4506696"   "4519414"   "4535970"   "4538790"   "4548384"   "4566482"   "4572231"   "4572239"   "4576234"   "4579316"   "4601308"   "4617957"   "4632140"   "4637421"   "4641681"   "4657222"   "4658978"   "4662394"   "4683906"   "4685488"   "4815701"   "4911408"   "4917354"   "5056758"   "5117858"   "5193573"   "5205536"   "5215286"   "5313976"   "5326074"   "5419532"   "5482253"   "5551479"   "5562116"	US-PGPUB; USPAT	OR	OFF	2010/09/29 09:15

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S195	205	(251/314).CCLS.	USPAT	OR	OFF	2010/09/29 09:15
S194	1095	(251/315.01-315.16).CCLS.	USPAT	OR	OFF	2010/09/29 09:15
S193	634	(251/316-317.01).CCLS.	USPAT	OR	OFF	2010/09/29 09:15
S192	13	S191 and snap\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:14
S191	68	(137/15.22).CCLS.	USPAT; USOCR	OR	OFF	2010/09/29 09:14
S190	219	S189 and machin\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:14
S189	557	S187 and (ptfe or polytetrafluoroethylene or teflon)	USPAT; USOCR	OR	ON	2010/09/29 09:14
S188	3	S187 and (piece adj packing)	USPAT	OR	OFF	2010/09/29 09:14
S187	2484	(251/315.01-317.01).CCLS.	USPAT; USOCR	OR	OFF	2010/09/29 09:14
S186	5	((JAMES) near2 (GOTCH)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:08
S185	2	((BRANDON) near2 (FRY)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:08
S184	8	((ERIC) near2 (KVARDA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:08
S183	5	((THOMAS) near2 (LIPPUCCI)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:08
S182	11	((JARED) near2 (TIMKO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 09:08
S181	155	S179 or S180	US-PGPUB; USPAT	OR	OFF	2010/09/21 10:39
S180	91	(US-6616118-\$ or US-2117456-\$ or US-3834664-\$ or US-4449694-\$ or US-6820651-\$ or US- 4553562-\$ or US-4386756-\$ or US-4483511-\$ or US-5129417-\$ or US-4572239-\$ or US-5181539-\$ or US-4108196-\$ or US- 4685488-\$ or US-4388945-\$ or US-5947443-\$ or US-5595206-\$ or US-5419532-\$ or US-6129115-\$ or US-4813649-\$ or US- 3384337-\$ or US-3934606-\$ or US-3675895-\$ or US-3101740-\$ or US-3647179-\$ or US-RE26998-	USPAT; USOCR	OR	OFF	2010/09/21 10:38

		\$ or US-6511004-\$).did. or (US-4696323-\$ or US-5730420-\$ or US-4881718-\$ or US-3347517-\$ or US-3647178-\$ or US-3508738-\$ or US-4936546-\$ or US-3528448-\$ or US-3542054-\$ or US-3151837-\$ or US-4657222-\$ or US-3168900-\$ or US-3735956-\$ or US-3223111-\$ or US-4683906-\$ or US-4725042-\$ or US-5064167-\$ or US-4759530-\$ or US-6482181-\$ or US-5402983-\$ or US-3066909-\$ or US-3760836-\$ or US-6161569-\$ or US-5769328-\$ or US-3218024-\$ or US-4099705-\$ or US-4441524-\$).did. or (US-4505294-\$ or US-5927687-\$ or US-5979491-\$ or US-3795385-\$ or US-5326074-\$ or US-5562116-\$ or US-5295627-\$ or US-5205536-\$ or US-4262688-\$ or US-5868378-\$ or US-5746417-\$ or US-4099543-\$ or US-4771803-\$ or US-4318420-\$ or US-4928921-\$ or US-4566482-\$ or US-3974869-\$ or US-6382532-\$ or US-4791953-\$ or US-6578598-\$ or US-2885179-\$ or US-4085770-\$ or US-4423749-\$ or US-4573498-\$ or US-6289915-\$ or US-3463449-\$ or US-3599932-\$).did. or (US-5181691-\$ or US-4709902-\$ or US-4606368-\$).did. or (US-3214135-\$ or US-2885179-\$ or US-3041036-\$ or US-3276740-\$ or US-3223111-\$ or US-3236495-\$ or US-3195560-\$ or US-3168900-\$).did.				
SI79	109	("2029438"   "2032316"   "2045113"   "2069013"   "2114933"   "2177873"   "2206370"   "2289722"   "2885179"   "3038489"   "3066909"   "3108779"   "3168900"   "3192943"   "3214135"   "3223111"   "3236495"   "3276740"   "3552717"   "3553717"   "3575379"   "3576309"   "3589675"   "3599932"   "3601363"   "3647178"   "3647179"   "3648723"   "3685793"   "3705707"   "3735957"   "3760836"   "3779513"   "3780985"   "3782686"   "3792835"	US-PGPUB; USPAT	OR	OFF	2010/09/21 10:38

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"4085770"	"4099543"
"4108196"	"4126295"
"4147326"	"4192483"
"4262688"	"4293038"
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"4339112"	"4388945"
"4390039"	"4410003"
"4423749"	"4441524"
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"4519414"	"4535970"
"4538790"	"4548384"
"4566482"	"4572231"
"4572239"	"4573498"
"4576234"	"4579316"
"4601308"	"4617957"
"4632140"	"4637421"
"4641681"	"4657222"
"4658978"	"4662394"
"4683906"	"4685488"
"4696323"	"4759530"
"4815701"	"4911408"
"4917354"	"5056758"
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"5193573"	"5205536"
"5215286"	"5313976"
"5326074"	"5419532"
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"5562116"	"5595206"
"5685338"	"5707042"
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